

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/006243

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl.⁷ A61K35/20, A23L1/30, A61K35/74, A61P1/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int. Cl.⁷ A61K35/20, A23L1/30, A61K35/74, A61P1/16

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CAPLUS (STN), BIOSIS (STN), MEDLINE (STN), EMBASE (STN), WPIDS (STN), JOIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 7-206402 A (BIOTEST PHARMA GMBH), 08 August, 1995 (08.08.95), Full text; Claims; Par. Nos. [0012] to [0016], [0022]; examples 1 to 6 & EP 652013 A1 & DE 4337654 A1 & US 5710132 A	1, 2, 7-9
X	JP 8-99888 A (Snow Brand Milk Products Co., Ltd.), 16 April, 1996 (16.04.96), Full text; Claims; Par. Nos. [0001], [0002], [0004], [0007]; examples 1, 2; Par. Nos. [0050], [0056] (Family: none)	1-4, 8, 9

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

30 May, 2005 (30.05.05)

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PCT/JP2005/006243

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2001-226289 A (Snow Brand Milk Products Co., Ltd.), 21 August, 2001 (21.08.01), Full text; Claims; examples 2, 3 (Family: none)	1-9
X	WO 02/43753 A1 (MORINAGA MILK IND. CO., LTD.), 06 June, 2002 (06.06.02), Full text; Claims; page 4, line 38 to page 5, line 8; test examples 1, 2; examples 1 to 6 & KR 2003/45025 A	1-9
X	JP 2002-332242 A (MORINAGA MILK IND. CO., LTD.), 22 November, 2002 (22.11.02), Full text; Claims; Par. Nos. [0019], [0021]; test examples; examples (Family: none)	1-9
Y	JP 2000-189105 A (Takanashi Nyugyo Kabushiki Kaisha), 11 July, 2000 (11.07.00), Full text; Claims; Par. Nos. [0001] to [0006], [0025], [0049] to [0058]; examples 1 to 3 (Family: none)	1-9
Y	JP 2000-197469 A (New Food Creation Gijutsu Kenkyu Kumiai), 18 July, 2000 (18.07.00), Full text; Claims; Par. Nos. [0001] to [0006], [0025], [0049] to [0058]; examples 1 to 3 (Family: none)	1-9
Y	JP 1-268641 A (Snow Brand Milk Products Co., Ltd.), 26 October, 1989 (26.10.89), Full text; Claims; page 1, lower right column to page 2, upper right column, line 7; page 4, upper left column to upper right column (Family: none)	1-9
Y	JP 5-176713 A (MORINAGA MILK IND. CO., LTD.), 20 July, 1993 (20.07.93), Full text; Claims; example 3 (Family: none)	1-9
Y	JP 5-344864 A (MORINAGA MILK IND. CO., LTD.), 27 December, 1993 (27.12.93), Full text; Claims; example 3 (Family: none)	1-9

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 03/90546 A1 (MAHDAVI J), 06 November, 2003 (06.11.03), Full text; Claims; page 1, line 17 to page 2, line 132; page 3, line 4 to page 4, line 9; page 5, lines 5 to 6, 25 to 27; page 8, lines 1 to 3, 10 to 12 & EP 1503629 A1	1-9
Y	JP 10-86 A (Renata Maria Anna Cavaliere Vesely), 06 January, 1998 (06.01.98), Full text; Claims; Par. Nos. [0001] to [0010], [0022] & EP 795604 A2 & US 6225104 B & US 2001/12629 A1 & US 2003/82791 A1 & US 2004/259227 A1	1-9
Y	JP 11-98978 A (Calpis Co., Ltd.), 13 April, 1999 (13.04.99), Full text & WO 99/16862 A1 & CA 2304985 A1 & AU 9857802 B & EP 1016709 A1 & US 6534304 B1 & US 2003/64501 A1	1-9
Y	JP 2003-513621 A (Vario OY), 15 April, 2003 (15.04.03), Full text; Claims; Par. No. [0003] & WO 01/32836 A1 & AU 2001/11498 A1 & EP 1226230 A1 & EP 1226230 A1 & KR 2002/60220 A & KR 2002/64895 A	1-9
A	DATABASE CAPLUS ON STN, ABSTRACT NO.2001:79928 ABSTRACT & BARRETO, R. ET AL., 'EXPERIMENTAL ACUTE ALCOHOL PANCREATITIS-RELATED LIVER DAMAGE AND ENDOTOXINEMIA: PROTECTIVE EFFECT OF A PROBIOTIC BUT NOT OF METRONIDAZOLE.', INTERNATIONAL MEDICAL JOURNAL, (2000) VOL.7, NO.4, pages 251 to 256	1-9
A	JP 9-301877 A (Kabushiki Kaisha Yoshindo), 25 November, 1997 (25.11.97), Full text (Family: none)	1-9
A	JP 11-504936 A (Puropi AB), 11 May, 1999 (11.05.99), Full text & WO 96/35440 A1 & AU 9657846 B & EP 825869 A1	1-9